

Openbaar gemaakt

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PATENT SPECIFICATION



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268.359

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Complete Accepted: July 28, 1927.

COMPLETE SPECIFICATION.

Novel or Improved Combined Rear Reflecting Mirror and Signalling Apparatus for use more especially on Motor Vehicles.

I, GILBERT AVRIL, of 90, rue St. Maur, Paris, France, a citizen of the French Republic, do hereby declare the nature of this invention and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement:—

This invention relates to reflecting mirrors for use more especially on motor vehicles, and consists in combining therewith a parking light which gives a white light to the front and a rear light shining through the mirror.

The invention also comprises means whereby a signalling lamp is arranged to cause a signal to show through the mirror, such signalling lamp being preferably positioned in a compartment separate from that which contains the parking light.

A convenient embodiment of the invention is described with reference to the drawings herewith, in which:—

Figure 1 is a rear view of the device.

Figure 2 is a front view of the same; and,

Figure 3 is a vertical section.

In these drawings:—1 is a rim case having at the back a metal attachment 19, in which is mounted a transparent convex sheet of glass 3, acting as a mirror and being backed by a glass disc 20, the latter being partly coloured red at 20¹ and at 20², the latter portion is also engraved with the word "stop". The glass disc 20 may be ground for example by sand blasting, and if desired, the inner surface of the convex glass 3 may be similarly ground. The space in the rim case in front of the disc 20 is divided into two compartments by the partition 5, these being furnished with electric bulbs 8 and 9 suitably mounted and supplied with current. The wiring of the

device is not however shown in the drawings. The circuit to the bulb 9 which is intended to light the "stop" signal, may be provided with a switch, not shown, actuated by the brake pedal. It is to be understood that, under ordinary conditions, when the bulb 9 is not lit, the coloured ground of the disc 20 or the sand blasted surfaces thereof, or of the glass 3, will ensure that the latter provides a good reflecting surface on its rear face. The front surface of the device is provided with a ribbed or other lens 21, which when illuminated by the bulb 8, provides a front white light, whilst the portion 20¹ forms the rear red light.

The rim case 1 may be attached to the vehicle by a ball joint 22, or in any other convenient manner.

In the drawings the appliance is shown as being circular; but, of course, it may be of any suitable shape, such as rectangular or oval.

The device forming the subject of the invention, as will now be seen, serves the purpose, in the daytime, of a reflecting mirror and "stop" signalling device, while it has the means for giving a front white light and rear red light.

I am aware that it has already been proposed to combine with a mirror, a lamp for signalling to the rear, such lamp having caused the signals to be seen through the mirror.

Having now particularly described and ascertained the nature of my said invention and in what manner the same is to be performed, I declare that what I claim is:—

1. A device comprising a mirror for use more especially on a motor vehicle, have combined therewith an electric bulb

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arranged for a parking light, that is to say in such a manner as to give a white light to the front and a red light to the rear, such red light shining through the mirror.

5 2. In a device as claimed in Claim 1, the combination therewith of an additional electric bulb for giving signals to the rear, such signals being caused to be
10 seen through the mirror.

3. In a device as claimed in Claim 2, the provision that it is divided into two compartments, in one of which the parking light is placed, and in the other the
15 light which gives the signals to the rear.

4. In a device as claimed in Claim 1,

the provision that the parking light shines through a translucent screen, upon which is placed the red disc for giving the red light to the rear.

5. A device containing a mirror, signalling means and parking light, constructed and arranged to operate substantially as described with reference to the drawings herewith.

Dated this 23rd day of March, 1927.

STEPHEN WATKINS, SON &
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Fig. 1

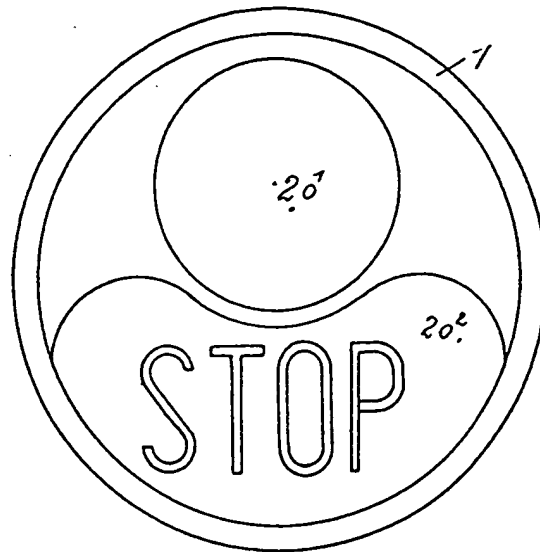


Fig. 2

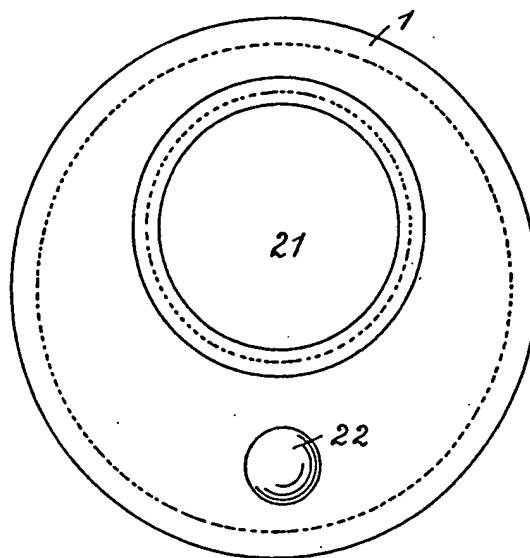
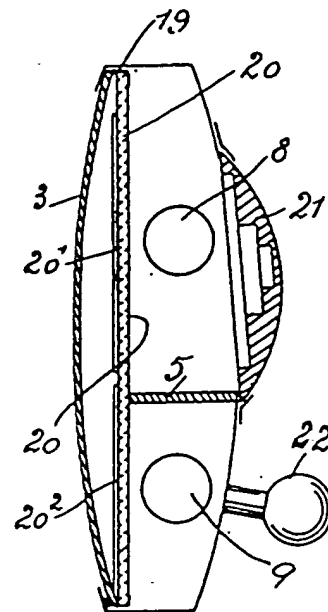


Fig. 3



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[This Drawing is a reproduction of the Original on a reduced scale.]